

RAM EXPLORATIONS LIMITED



42D14SE0014 2.9038 STREY

010

INTERIM GEOLOGICAL REPORT  
FOR  
FRANKLIN RESOURCES

CLAIMS TB675149 - 675154

TB677609 - 677620

NTS 42D/15

longitude 87 06' W

latitude 40 50' N

THUNDER BAY MINING DISTRICT  
ONTARIO

RECEIVED  
APR 23 1986  
MINING LANDS SECTION

R. James Weick, Hons.B.Sc.



42014SE0014 2.9038 STREY

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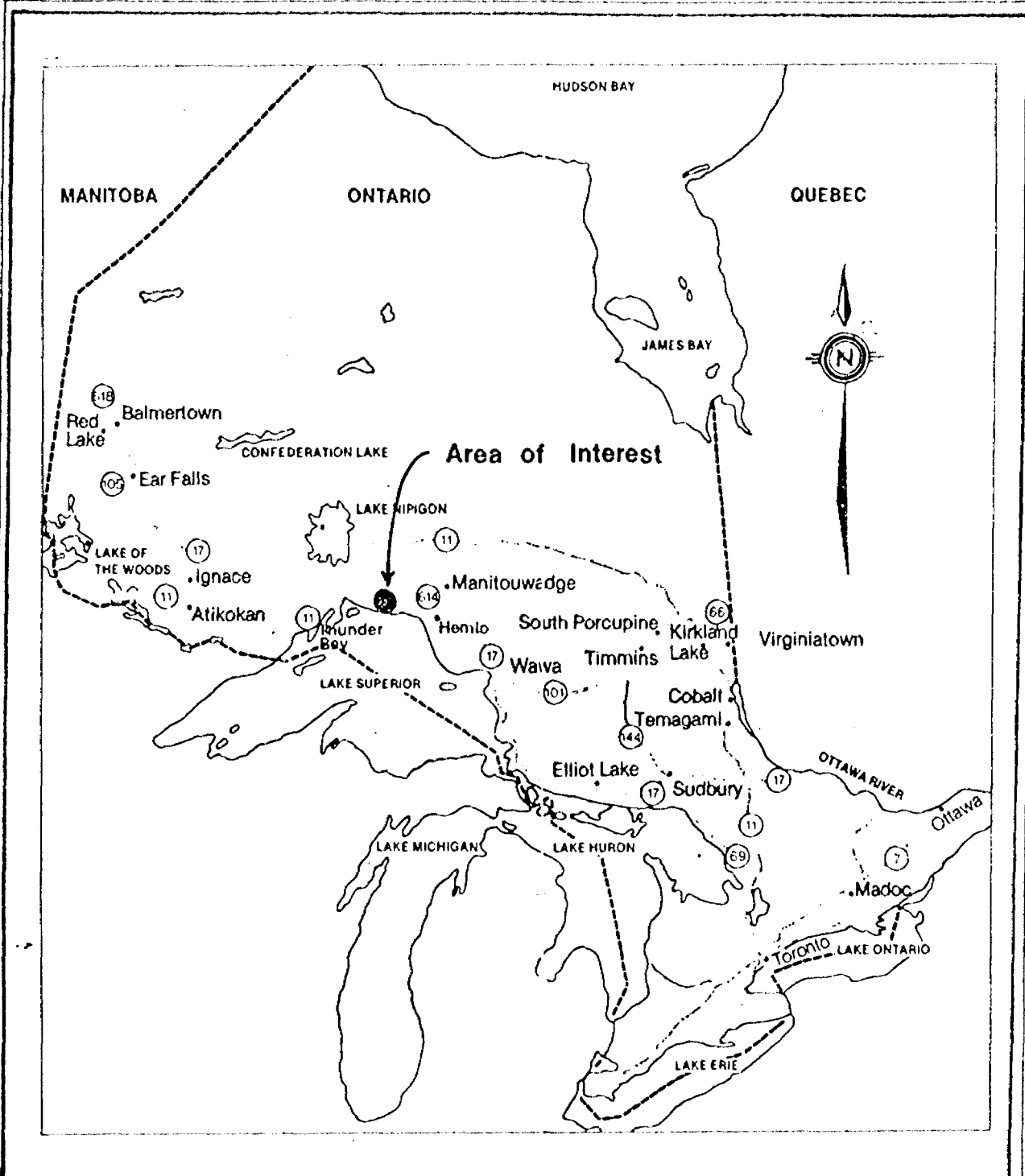
## 1.0 REPORT SUMMARY

This report is an interim summary of field work conducted by Ram Explorations on claims TB675149 - 675154 and TB677609 - 677620 held by Franklin Resources Limited in Strey Township, Ontario.

The property is essentially a "grassroots" prospect staked on the intrusive boundary of a volcanosedimentary terrane, similar to that which hosts the recently discovered Hemlo Deposits.

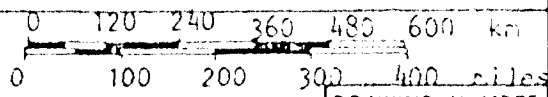
Field work consisted of detailed geological mapping and an accompanying geochemical survey conducted from July 01 - 10, 1985.

Soil and rock samples collected from the claim block will be assayed during the 1986 field season and incorporated in a final report submitted at a later date.



RAM EXPLORATION LTD.

FRANKLIN RESOURCES LTD.  
PROPERTY LOCATION



DRAWING NUMBER

1

DATE July 1985

## 2.0 INTRODUCTION

The claim block is located approximately 10 kilometers northeast of Terrace Bay and can be accessed directly from the Kimberly-Clark logging road which runs along the eastern boundary of the claim block. Numerous logging roads and a power line right of way offer excellent access to the interior of the property.

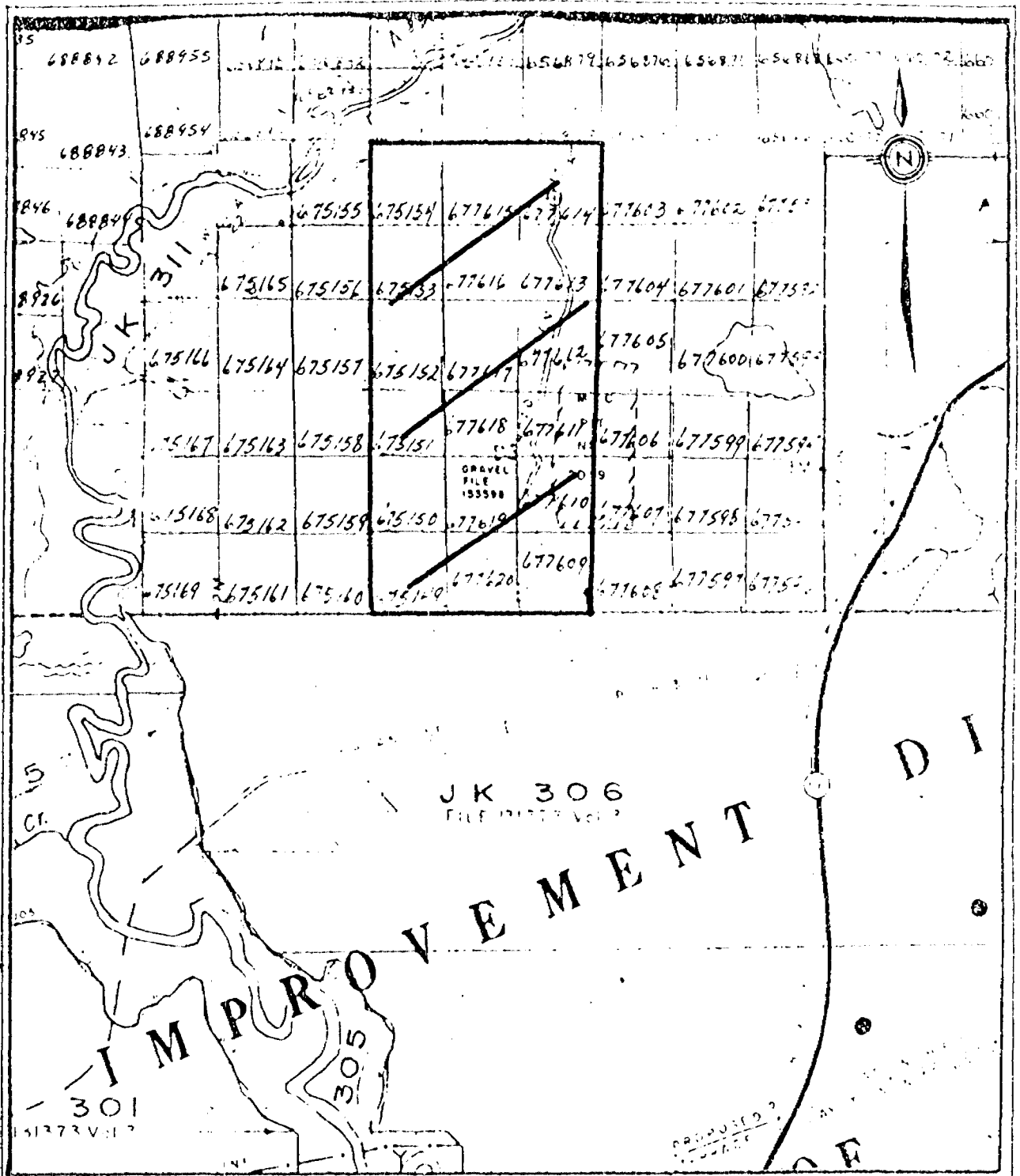
The claim block consists of 18 contiguous, unpatented claims encompassing an area of approximately 720 acres. Mineral rights to the property are owned exclusively by Franklin Resources Limited. Claim information is summarized in the following table:

Claim Numbers	Number of Claims	Expiry Dates
TB675149 - 675154	6	09/02/87
TB677609	1	09/02/86
TB677610 - 677620	11	09/02/87

The purpose of the survey was to detect possible mineralization associated with previously established geochemical and geophysical anomalies (Cavey, 1983; Aerodat 1983).

The work program was conducted by R.J. Weick (BSc. Honours), T.R. Kraft (Bsc.) and B. Stafford and consisted of:

1. 10 days of geological mapping conducted by R.J. Weick and T.R. Kraft, and
2. 10 days geochemical survey conducted by B. Stafford.



RAM EXPLORATION LTD.

FRANKLIN RESOURCES LTD.  
CLAIM LOCATION

Metres 0 320 640 960 1280 1600 Metres  
Feet 0 2640 5280 Feet

SCALE 1" = 1/2 mi

DRAWING NUMBER

DATE July 1985

2

### 3.0 PREVIOUS WORK AND ECONOMIC SETTING

Regional exploration and mining history is extensive and dates back to the late 1800's. Recent important regional discoveries include the Hemlo properties which have changed traditional geological models associated with gold mineralization in Precambrian greenstone belts. Until 1983 no known or recorded mineral exploration had been undertaken in the area covered by the claim block.

In 1983 Aerodat flew a 25.9 line kilometer geophysical survey including a three frequency electromagnetic system, VLF-FM, magnetometer and radar positioning systems. The electromagnetic system outlined a "cultural" anomaly coincident with powerlines running accross the southern portion of the claim block. Magnetic data revealed parallel northwest trending anomalies to the north interpreted as mafic volcanic units along with another larger anomaly to the south interpreted as an intrusive body (Aerodat, 1983).

In the summer of 1983, Omineca Consultants Limited of Vancouver carried out Phase 1 geological and geochemical surveys as recommended by Cavey, 1983. Reconaissance geological mapping showed that the north half of the property is underlain by mafic volcanics while the southern half is underlain by intrusives of the Pukaska Gneissic Complex. Results of the geochemical survey outlined two seperate gold and copper anomolies along the intrusive contact.



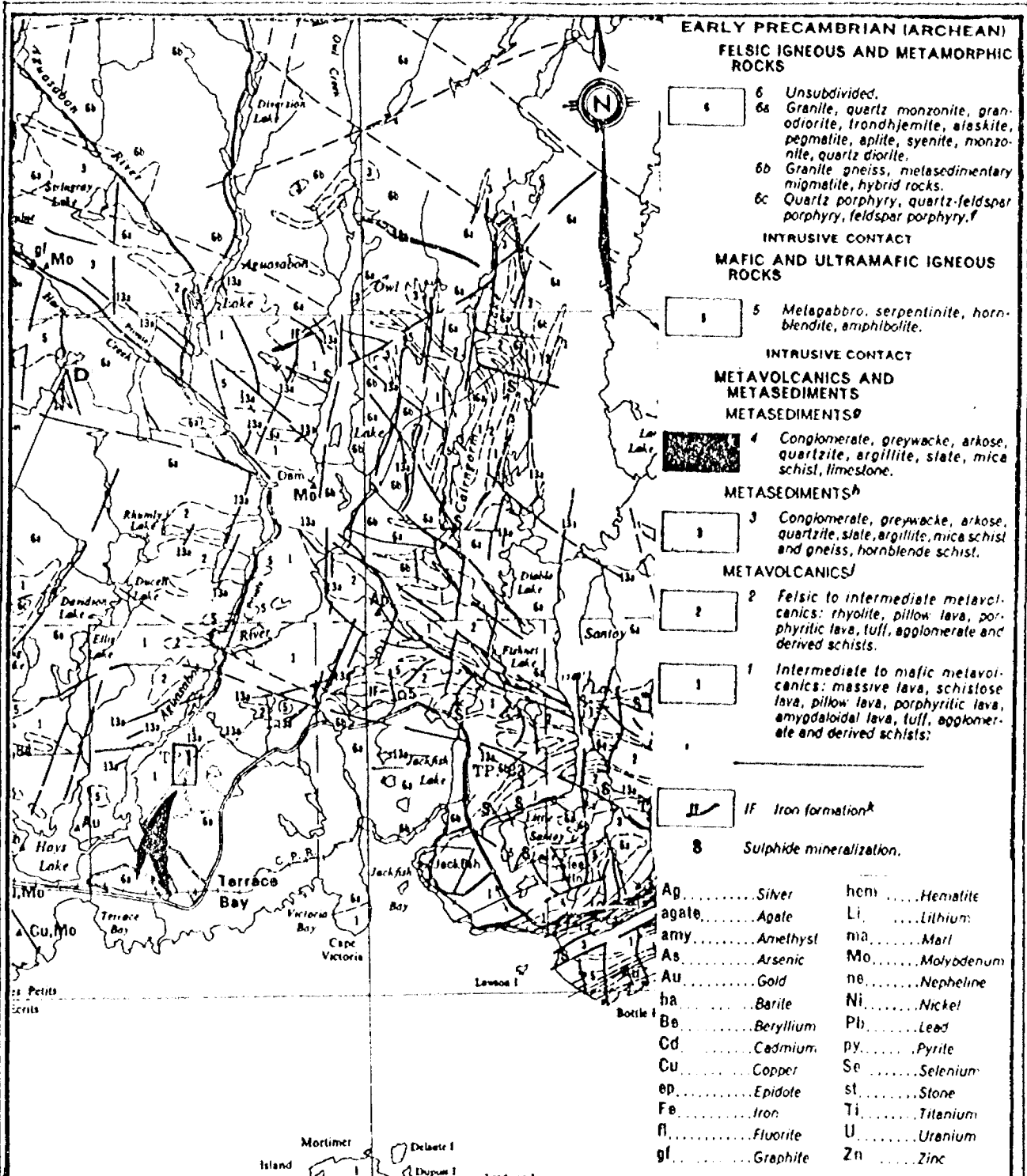
## 6.0 REGIONAL GEOLOGY

The regional geology of Strey Township is shown on OGS Map 2232 (Carter et al., 1970-71); a recent compilation of published and unpublished maps.

The oldest rocks in this area are nearly conformable early Precambrian volcanic and sedimentary facies with associated mafic intrusives. These units were subsequently intruded during the late Precambrian by rocks of intermediate composition and numerous diabase and lamprphyre dykes. All rocks have been subjected to several phases of deformation and regional metamorphism.

Volcanic rocks range in composition from mafic to felsic and consist of massive flows, pillow lavas, fragmental volcanics and tuffs. Intermediate to felsic volcanics occur in a wide band in the northern part of the area and consist of lapilli and crystal tuff, agglomerate, and flows of porphyritic lava. Tabular bodies of coarse gabbroic rock found within mafic units may represent remnant cumulate phases.

Sedimentary rocks include greywacke, laminated siltstones, minor beds of impure quartzite, graphitic and sulphide bearing schist. The composition of these rocks may be similar to the composition of surrounding volcanic units. Greywackes are thought to be volcanic in origin as some units appear to contain subangular fragments. Chert and iron formations frequently occur along volcanic sedimentary interfaces and many contain minor amounts of sulphide mineralization.



RAM EXPLORATION LTD.  
 FRANKLIN RESOURCES LTD.

REGIONAL GEOLOGY  
 (after OGS map 2232)

km 2 5 0 5 10 km  
 mi 2 0 2 4 6 mi

SCALE 1" = 4 mi

DATE July 1985

DRAWING NUMBER 3

Later Precambrian intermediate intrusives include granites, granodiorites and syenites that form large intrusive complexes similar to the Pukaskwa gneissic complex.

Diabase and lamprophyre dykes are common in the area and crosscut stratigraphy. Most are subvertical and are Keweenawan (Late Precambrian) in age.

Regional metamorphic grade ranges from the lower greenschist to amphibolite facies. Grades generally increase toward large intrusive bodies.

The structure of the area is complex. Most volcanic/sedimentary sequences have been folded and subsequently intruded by irregular bodies of diorite. Transverse faulting has been related to progressive downwarping of the Lake Superior Syncline. Small scale deformation structures are often obscured by the effects of metamorphism.

## 7.0 LOCAL GEOLOGY

( refer to geological map at end of report )

The following geological description of the claim block is based in part on a report written by Cavey (1983) and on the results of the combined geological/geochemical survey conducted during June, 1985. The resulting geological map can be found at the end of this report.

Two distinct rock types outcrop in the area of the claim block. Outcrops in the southern third of the property are intermediate in composition and consist of granitic intrusives in abrupt contact with a slightly arcuate sequence of northerly trending metavolcanic and metasedimentary rocks.

Intermediate intrusives consist of biotite and hornblende granite, granodiorite and granite porphyry crosscut by veins of syenite and tonalite.

Metavolcanic/sedimentary rocks were variable in composition. Outcrops on the western side of the property were mafic in composition and consisted of massive basalts and deformed pillows. Outcrops on the eastern side of the property were generally more felsic in composition and contained garnetiferous schists along shears suggestive of a sedimentary origin for at least some of these units.

Several syenite dykes crosscut metavolcanic units and radiate outward from the intrusive body. Diabase dykes crosscut outcrops throughout the property.

Most rocks have been regionally metamorphosed to the lower amphibolite facies. Metamorphic grade increases in metavolcanic units towards the intrusive contact.

Metavolcanic rocks contain a slight remenant foliation of variable orientation proximally obscured by the effects of contact metamorphism.

Sulphides occur found in a variety of settings: as fine disseminations in flows and pillows and alteration zones associated with quartz-carbonate veinlettes. They appear to be concentrated in the chilled margin associated with the intrusive body in the southern portion of the property.

Soil horizons are well developed but have been disturbed by logging activities. The A1 soil horizon consisted of a layer of decaying organic matter approximately 4-5 centimeters in thickness. This was followed by the A0 horizon consisting of of black humus approximately 3 centimeters in thickness. The B horizon was moderately well developed and consisted of a thin reddish brown layer of fine to medium or coarse grained soil occassionally interlayered with the A1 horizon; generally less than a centimeter in thickness. The C horizon was extensively developed and appeared to consist of a leached out light to medium grey sand or gravel similar in composition to the underlying bedrock.

## 6.0 GEOLOGICAL/GEOCHEMISTRY PROGRAM

Logging activities had almost completely obliterated the existing geochemical grid installed by Omineca (1983). The grid was re-established during the course of the combined survey.

An additional, 3 kilometers of flagged line were installed consisting of 6, 500 meter lines running east/west from the baseline spaced at 50 meter intervals in the central area of the claim block. These lines were thought to be approximately coincident with previously established geochemical anomalies (Cavey, 1983). A total of 120 soil samples were collected at 25 meter intervals along these lines. Samples were derived from the B soil horizon.

A total of 19 grab samples were gathered during the course of the geological survey. Descriptions of these samples are presented in Appendix 1. Grab and soil samples will be assayed during the course of exploration work planned for the 1986 field season. Analytical results will be included in the final report.

## REFERENCES

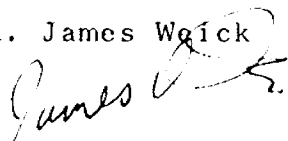
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In: Report of Activities, Regional and Resident  
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Survey Miscellaneous Paper 122. 297 p.

CERTIFICATE

I R. James Weick do hereby certify:

1. That I am a graduate in geology from Carleton University, Ottawa, Ontario. (Hons. B.Sc. 1985).
2. That I have practiced as a geologist in mineral exploration for at least three years.
3. That the opinions, conclusions, and recommendations contained herein are based on the field work conducted on the above mentioned claims from June 3 through 29, 1985, and literature research.
4. That I own no direct, indirect or contingent interest in the subject property, or shares or securities of Duke Minerals Ltd. or associated companies.

R. James Weick



April 12 1986.



## STATEMENT OF COSTS

### Mobilization

(Vancouver to Thunder Bay) 3 @ 600.00	1,800.00
- shipping	300.00

### Vehicle Rental

- 2 weeks @ 300.00	600.00
- fuel and insurance	375.00

### Camp and Supplies

- 30 man days @ 45.00	1350.00
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### Field Supplies / Equipment Rentals

- flagging, geochem supplies etc.	450.00
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### Geologists

T. Kraft - 10 days @ 250.00	2500.00
R.J. Weick - 10 days @ 275.00	2750.00

### Technicians

B. Stafford - 27 days @ 175.00	1750.00
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### Report

R.J. Weick - 4 days @ 200.00	800.00
- drafting	1000.00
- secretarial, printing	<u>400.00</u>

Total	14075.00
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## APPENDIX I

Sample	Description
85001	<ul style="list-style-type: none"> <li>- grab sample of float.</li> <li>- fine grained disseminated pyrite (up to 2%) in small pods.</li> <li>- limonite observed on weathered surface.</li> </ul>
85002	<ul style="list-style-type: none"> <li>- grab sample of float.</li> <li>- fine grained disseminated pyrite (up to 2%).</li> <li>- extremely oxidized with abundant limonite.</li> <li>- weakly carbonatized.</li> </ul>
85003	<ul style="list-style-type: none"> <li>- 10 cm chip sample across quartz vein.</li> <li>- host rock contains disseminations of pyrite and pyrrhotite.</li> </ul>
85004	<ul style="list-style-type: none"> <li>- grab sample of diabase dyke.</li> <li>- fine disseminations of pyrite and pyrrhotite (up to 2 %).</li> <li>- hosted by granite.</li> </ul>
85005	<ul style="list-style-type: none"> <li>- grab sample of granite.</li> <li>- no visible sulphides.</li> </ul>
85006	<ul style="list-style-type: none"> <li>- grab sample of diabase dyke.</li> <li>- fine disseminations of pyrite and pyrrhotite (up to 2 %).</li> </ul>
85007	<ul style="list-style-type: none"> <li>- grab sample of basalt.</li> <li>- fine to medium grained pyrite and pyrrhotite (up to 4%).</li> <li>- weakly carbonatized.</li> </ul>
85008	<ul style="list-style-type: none"> <li>- grab sample of float.</li> <li>- disseminated fine and coarse euhedral pyrite (up to 4%).</li> <li>- traces of molybdenum.</li> </ul>
85009	<ul style="list-style-type: none"> <li>- grab sample of diabase dyke.</li> <li>- fine disseminations of pyrite and pyrrhotite (up to 2 %).</li> <li>- hosted by granite.</li> </ul>
85010	<ul style="list-style-type: none"> <li>- grab sample of granite.</li> <li>- fine grained disseminated pyrite (up to 2%).</li> </ul>

- 85011
  - grab sample of basalt.
  - fine grained pyrite associated with siliceous alteration (up to 2%).
- 85101
  - grab sample of basalt.
  - blebs and fine disseminations of pyrite and pyrrhotite (up to 4%).
- 85102
  - grab sample of basalt.
  - fine grained disseminated pyrite (less than 1%).
  - weakly carbonatized.
- 85103
  - grab sample of basalt with quartz veining.
  - finely disseminated pyrite.
- 85104
  - grab sample of basalt taken from area of contact.
  - isolated blebs and disseminations of pyrite.
- 85105
  - grab sample of basalt with quartz veining.
  - no visible sulphides.
  - weakly silicified and carbonatized.
- 85106
  - grab sample of basalt.
  - disseminated pyrite and pyrrhotite.
  - slightly carbonatized and silicified.
- 85107
  - grab sample of basalt.
  - disseminated pyrite and pyrrhotite (up to 3%).
  - slightly carbonatized and silicified.
- 85108
  - grab sample of basalt.
  - traces of sulphide.
  - weakly carbonatized.



SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BJ PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
10+50S 0+00	.3	.44	3	ND	23	ND	.05	.1	2	8	4	.98	.02	.06	69	1	.01	2	.01	8	ND	ND	ND	1	5	ND	ND	20
10+50S 0+25E	.2	1.48	ND	ND	31	ND	.08	.1	6	26	10	3.83	.06	.27	195	2	.01	11	.08	14	ND	ND	ND	2	6	ND	ND	68
10+50S 0+50E	.1	1.63	ND	ND	29	ND	.11	.1	5	26	10	2.91	.04	.29	149	2	.01	13	.05	8	ND	ND	ND	1	6	ND	ND	63
10+50S 0+75E	.4	1.72	ND	ND	75	ND	.20	.3	12	27	20	4.44	.08	.32	957	1	.01	13	.12	12	ND	ND	ND	1	14	ND	ND	119
10+50S 1+00E	.2	1.38	ND	ND	35	ND	.12	.4	5	22	11	3.02	.05	.22	117	ND	.01	9	.04	11	ND	ND	ND	2	7	ND	ND	54
10+50S 1+25E	.3	1.37	ND	ND	30	ND	.08	.1	4	19	11	2.74	.06	.17	99	1	.01	8	.04	14	ND	ND	ND	ND	6	ND	ND	48
10+50S 1+50E	.2	2.41	ND	ND	26	ND	.13	.1	7	30	17	3.59	.07	.40	177	3	.01	16	.06	11	ND	ND	ND	ND	6	ND	ND	81
10+50S 2+00E	.2	1.91	ND	ND	22	ND	.11	.1	5	25	11	2.79	.05	.28	150	2	.01	11	.05	10	ND	ND	ND	ND	6	ND	ND	54
10+50S 2+25E	.3	1.46	ND	ND	34	ND	.19	.1	7	29	18	3.55	.07	.40	170	2	.01	15	.08	9	ND	ND	ND	ND	8	ND	ND	50
10+50S 2+50E	.7	1.20	ND	ND	66	ND	.15	.5	14	20	78	2.25	.06	.28	990	6	.01	27	.05	19	ND	ND	ND	ND	9	ND	ND	339
10+50S 3+25E	.1	1.75	ND	ND	49	ND	.15	.1	7	25	56	2.41	.07	.32	154	4	.01	19	.05	9	ND	ND	ND	ND	9	ND	ND	63
10+50S 3+50E	.9	1.91	ND	ND	82	ND	.20	.8	12	25	138	2.72	.10	.19	2998	55	.01	19	.20	20	ND	ND	ND	ND	15	ND	ND	124
10+50S 3+75E	.2	1.63	ND	ND	41	ND	.08	.1	4	19	9	2.02	.06	.17	243	3	.01	6	.07	13	ND	ND	ND	ND	7	ND	ND	42
10+50S 4+00E	.3	2.08	ND	ND	42	ND	.08	.1	5	26	11	2.97	.07	.27	166	1	.01	10	.07	11	ND	ND	ND	2	6	ND	ND	76
11+50S 0+00	.5	1.11	ND	ND	38	ND	.13	.2	7	30	10	4.14	.08	.30	156	3	.01	19	.08	25	ND	ND	3	3	7	ND	ND	34
11+50S 0+25E	.2	.83	ND	ND	30	ND	.04	.2	2	10	5	1.48	.04	.07	56	2	.01	4	.03	16	ND	ND	ND	1	4	ND	ND	22
11+50S 0+50E	.4	.51	ND	ND	25	ND	.04	.1	2	9	3	1.29	.04	.06	85	2	.01	2	.03	12	ND	ND	ND	2	4	ND	ND	10
11+50S 0+75E	.2	.15	4	ND	25	ND	.02	.1	ND	5	2	.24	.04	.01	18	2	.16	1	.01	9	ND	ND	ND	1	12	ND	ND	7
11+50S 1+00E	.6	.96	ND	ND	39	ND	.07	.1	4	19	6	2.88	.07	.17	94	1	.01	6	.08	20	ND	ND	3	2	7	ND	ND	32
11+50S 1+25E	.4	.34	6	ND	40	ND	.07	.1	1	7	4	.44	.05	.06	74	1	.01	2	.02	15	ND	ND	3	2	8	ND	ND	23
11+50S 1+50E	.3	1.08	ND	ND	132	ND	.20	.1	5	24	10	2.75	.08	.30	150	2	.01	11	.16	27	ND	ND	ND	3	15	ND	ND	65
11+50S 0+25W	.2	.93	ND	ND	42	ND	.08	.1	3	16	8	2.57	.06	.15	215	1	.01	5	.06	13	ND	ND	ND	2	7	ND	ND	55
11+50S 0+50W	.5	1.64	ND	ND	51	ND	.22	.1	6	29	8	4.44	.08	.26	138	5	.01	9	.04	15	ND	ND	ND	4	14	ND	ND	35
11+50S 0+75W	.5	1.83	ND	ND	37	ND	.07	.1	5	25	11	4.25	.11	.24	127	4	.01	9	.06	14	ND	ND	3	2	6	ND	ND	39
11+50S 1+00W	.5	.79	4	ND	40	ND	.07	.1	2	10	12	.93	.05	.11	63	5	.01	3	.02	13	ND	ND	ND	ND	12	ND	ND	27
11+50S 1+25W	1.3	1.39	ND	ND	50	ND	.07	.1	6	23	11	3.40	.07	.26	119	5	.01	9	.03	16	ND	ND	ND	1	7	ND	ND	63
11+50S 1+50W	4.3	3.06	ND	ND	26	ND	.19	.1	35	53	373	16.48	.25	1.08	640	44	.01	62	.13	172	ND	ND	ND	4	15	ND	ND	397
11+50S 1+75W	.4	1.67	ND	ND	115	ND	.16	.2	7	21	14	2.04	.08	.30	193	5	.01	10	.04	21	ND	ND	ND	ND	12	ND	ND	62
11+50S 2+00W	.5	1.08	ND	ND	107	ND	.13	.2	1	10	49	.68	.06	.12	49	2	.01	4	.03	102	ND	ND	ND	ND	34	ND	ND	70
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPH	AL I	AS PPH	AU PPH	BA PPH	BI PPH	CA I	CO PPH	CR PPH	CU PPH	FE I	K I	MG I	MN PPH	MO PPH	NA I	NI PPH	P I	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	W PPH	ZN PPH			
13+50S 2450E	.1	3.45	ND	ND	36	ND	.11	.1	8	29	13	3.39	.06	.25	134	2	.01	15	.06	8	ND	ND	ND	ND	6	ND	ND	25		
13+50S 2475E	.1	1.85	ND	ND	30	ND	.05	.1	2	18	6	1.79	.04	.11	52	2	.01	5	.04	10	ND	ND	ND	ND	5	ND	ND	21		
13+50S 3400E	.3	2.15	ND	ND	34	ND	.10	.1	6	26	15	2.74	.06	.27	282	1	.01	13	.08	9	ND	ND	ND	ND	6	ND	ND	45		
13+50S 3425E	.3	2.54	ND	ND	19	ND	.13	.1	6	30	10	2.55	.05	.35	178	1	.01	15	.08	7	ND	ND	ND	ND	6	ND	ND	38		
13+50S 3450E	.9	3.33	ND	ND	49	ND	.13	.1	8	33	10	3.43	.07	.35	326	1	.01	18	.08	7	ND	ND	ND	ND	7	ND	ND	44		
13+50S 3475E	.2	.54	10	ND	18	ND	.08	.1	2	9	4	.61	.02	.13	59	ND	.01	5	.02	10	ND	ND	ND	ND	1	7	ND	19		
13+50S 4425E	.3	2.62	ND	ND	53	ND	.15	.2	12	38	25	3.31	.07	.49	428	1	.01	19	.10	10	ND	ND	ND	ND	9	ND	ND	65		
13+50S 5400E	.3	2.27	ND	ND	57	ND	.11	.2	8	28	10	2.42	.07	.33	270	1	.01	12	.05	9	ND	ND	ND	ND	8	ND	ND	64		
14+00S 2425E	.3	1.64	ND	ND	31	ND	.07	.2	3	23	8	3.35	.07	.21	108	1	.01	6	.05	41	ND	ND	ND	ND	6	ND	ND	41		
14+00S 2475E	.3	2.27	ND	ND	27	ND	.07	.1	4	24	8	2.34	.05	.21	136	1	.01	8	.05	9	ND	ND	ND	ND	5	ND	ND	55		
14+00S 3425E	.6	2.86	ND	ND	42	ND	.13	.3	10	42	15	4.34	.09	.47	297	1	.01	16	.10	9	ND	ND	ND	ND	7	ND	ND	50		
14+00S 3475E	.4	1.38	6	ND	36	ND	.07	.1	4	18	5	2.34	.05	.19	161	1	.01	7	.06	11	ND	ND	ND	ND	6	ND	ND	45		
14+00S 4425E	.5	3.22	ND	ND	56	ND	.16	.1	12	44	18	3.85	.08	.62	413	1	.01	26	.12	7	ND	ND	ND	ND	9	ND	ND	117		
14+00S 4475E	.5	.75	13	ND	46	ND	.09	.1	4	15	6	1.44	.05	.17	146	ND	.01	5	.04	15	ND	ND	ND	ND	1	8	ND	ND	37	
14+00S 5400E	.8	2.02	ND	ND	46	ND	.11	.1	9	32	12	4.19	.09	.39	305	2	.01	13	.09	12	ND	ND	ND	ND	2	8	ND	ND	82	
14+50S 1450E	.2	.24	13	ND	37	ND	.03	.1	ND	3	5	.21	.03	.02	44	1	.12	1	.01	8	ND	ND	ND	ND	6	ND	ND	9		
14+50S 1475E	.3	1.81	ND	ND	73	ND	.08	.1	3	19	6	2.92	.06	.12	170	2	.01	4	.06	15	ND	ND	ND	ND	1	9	ND	ND	42	
14+50S 2400E	.5	1.12	7	ND	25	ND	.07	.1	4	17	6	2.45	.05	.15	90	1	.01	7	.04	11	ND	ND	ND	ND	1	6	ND	ND	19	
14+50E 2425E	.4	2.46	ND	ND	48	ND	.15	.1	10	36	20	2.83	.07	.48	308	1	.01	29	.07	12	ND	ND	ND	ND	8	ND	ND	50		
14+50E 2450E	.4	3.27	ND	ND	42	ND	.17	.2	12	49	27	3.69	.08	.59	444	1	.01	25	.15	10	ND	ND	ND	ND	10	ND	ND	59		
14+50E 2475E	.4	1.78	ND	ND	34	ND	.08	.1	4	25	9	3.28	.06	.21	222	1	.01	6	.05	11	ND	ND	ND	ND	7	ND	ND	50		
14+50E 3400E	.3	2.52	ND	ND	48	3	.13	.1	11	42	14	4.04	.08	.50	649	1	.01	19	.09	9	ND	ND	ND	ND	8	ND	ND	90		
14+50E 3425E	.5	1.85	3	ND	67	5	.10	.1	10	36	13	3.71	.08	.47	619	2	.01	17	.11	11	ND	ND	ND	ND	2	7	ND	ND	77	
14+50E 3450E	.3	1.94	ND	ND	46	ND	.09	.1	6	24	8	2.88	.05	.26	309	1	.01	9	.07	10	ND	ND	ND	ND	7	ND	ND	70		
14+50E 3475E	.5	3.50	ND	ND	52	ND	.15	.2	12	50	18	4.01	.08	.60	447	1	.01	24	.11	8	ND	ND	ND	ND	8	ND	ND	98		
14+50E 4400E	.5	2.02	ND	ND	58	ND	.13	.1	8	32	11	3.56	.07	.40	352	1	.01	14	.09	9	ND	ND	ND	ND	1	8	ND	ND	72	
14+50E 4425E	.4	1.57	4	ND	72	ND	.16	.1	8	26	11	2.50	.07	.38	510	1	.01	14	.08	17	ND	ND	ND	ND	1	10	ND	ND	75	
14+50S 4450E	.5	1.10	5	ND	35	ND	.06	.1	4	14	5	1.79	.06	.15	115	1	.01	5	.03	13	ND	ND	ND	ND	3	ND	6	ND	ND	42
14+50S 4475E	.3	1.71	7	ND	44	ND	.08	.1	3	19	7	1.80	.05	.15	167	1	.01	6	.04	16	ND	ND	ND	ND	7	ND	ND	44		
14+50S 5400E	.3	1.51	7	ND	54	ND	.07	.1	3	16	9	1.78	.05	.16	300	1	.01	5	.03	14	ND	ND	ND	ND	7	ND	ND	65		
20+50S 0400	.3	2.03	6	ND	35	ND	.07	.1	6	32	11	2.10	.06	.25	210	ND	.01	15	.06	21	ND	ND	ND	ND	5	ND	ND	59		
20+50S 0425E	.3	1.14	12	ND	32	3	.06	.1	2	17	5	1.49	.03	.12	85	ND	.01	4	.04	19	ND	ND	ND	ND	6	ND	ND	25		
20+50S 0450E	.3	1.11	10	ND	29	ND	.06	.1	3	18	6	1.54	.04	.13	95	1	.01	6	.03	16	ND	ND	ND	ND	5	ND	ND	30		
20+50S 0475E	.4	2.34	7	ND	23	ND	.12	.2	6	38	10	2.56	.08	.30	199	ND	.01	13	.20	16	ND	ND	ND	ND	5	ND	ND	39		
20+50S 1400E	.2	2.36	ND	ND	36	ND	.07	.2	5	31	7	2.49	.05	.25	146	1	.01	12	.07	11	ND	ND	ND	ND	6	ND	ND	48		
20+50S 0425W	.3	2.05	8	ND	39	3	.06	.1	4	27	6	2.47	.05	.20	128	1	.01	8	.07	16	ND	ND	ND	ND	6	ND	ND	49		
20+50S 0450W	.2	3.60	ND	ND	27	ND	.11	.1	10	44	12	2.35	.06	.43	254	1	.01	24	.11	9	ND	ND	ND	ND	6	ND	ND	60		
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1		



SAMPLE NAME	AG PPM	AL 1	AS PPM	AU PPM	BA PPM	BI PPM	CA 1	CD PPM	CO PPM	CR PPM	CU PPM	FE 1	K 1	MG 1	MN PPM	MO PPM	NA 1	NI PPM	P 1	PB PPM	PD PPM	PT PPM	SR PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
24+50S 2+25E	.2	1.57	4	ND	31	3	.07	.1	4	30	7	2.33	.06	.21	152	1	.01	9	.05	16	ND	ND	ND	1	6	ND	ND	35
24+50S 2+50E	.3	2.29	ND	ND	28	ND	.06	.1	6	38	7	2.56	.05	.31	183	1	.01	13	.06	15	ND	ND	ND	1	5	ND	ND	49
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



W8604.00010

#10



900



Report of Work  
(Geophysical, Geological,  
Geochemical and Expenditures)

Mining ...

File: 675149

Type of Survey(s) **GEOLOGICAL + GEOCHEMICAL** Township or Area **STREY TOWNSHIP G-639**  
 Claim Holder(s) **FRANKLIN RESOURCES** Prospector's Licence No. **A 46936**  
 Address **873 BEATTY ST, VANCOUVER, BRITISH COLUMBIA.**  
 Survey Company **RAM EXPLORATIONS LTD.** Date of Survey (from & to) **20 06 85 30 06 85** Total Miles of line Cut **111.5 miles**  
 Name and Address of Author (of Geo Technical report) **CARL VON EINSIEDEL, SUITE 210 470 GRANVILLE ST, VANCOUVER**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	<b>40</b>
	Geochemical	<b>20</b>
Main Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	<del>20</del>
	Geochemical	<del>10</del>
Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
TB	677 609	10.0			
	677 610	6.6			
	677 611	6.6			
	677 612	6.6			
	677 613	6.6			
	677 614	6.6			
	677 615	6.6			
	677 616	6.6			
	677 617	6.6			
	677 618	6.6			
	677 619	6.6			
	677 620	5.5			
	675 149	5.5			
	675 150	6.6			
	675 151	6.6			
	675 152	6.6			
	675 153	6.6			
	675 154	6.6			

Expenditures (excludes power stripping)

Type of Work Performed **GEOCHEMICAL ASSAYS**

Performed on Claim(s) **- performed on online claim group.**

Calculation of Expenditure Days Credits

Total Expenditures **\$ 1800.00** = Total Days Credits **15** = **120**

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

RECEIVED  
FEB 18 1986  
MINING LANDS SECTION

\* Maximum credits reached for Geological

Total number of mining claims covered by this report of work. **18**

Date **FEB 5, 1986** Recorded Holder or Agent (Signature) **Tom Knapp**

For Office Use Only  
Total Days Cr. Recorded **90** Date Recorded **February 10 1986**  
Date Approved **February 10 1986** Recorded in name of Director **Richard M. Hoyle**  
**See Revised Statement**

Certification Verifying Report of Work  
I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying **R. JAMES WEICK P.O. Box 5014 SQUAMISH BRITISH COLUMBIA**  
Date Certified **FEB. 5, 1986** Certified by (Signature) **James Weick**



Ontario

Ministry of Northern Development and Mines

Geophysical-Geological-Geochemical Technical Data Statement

File

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) - Geological / Geochemical Sampling
Township or Area - Strey Township
Claim Holder(s) - Franklin Resources Ltd.
Survey Company - Ram Exploration Ltd.
Author of Report - James Weick
Address of Author - 210 - 470 Granville St., Van., B.C.
Covering Dates of Survey - July 01 - 10, 1985
Total Miles of Line Cut - 3.0 line km.

MINING CLAIMS TRAVERSED
List numerically

(prefix) (number)

TB 677609 - TB 677620

TB 675149 - TB 675154

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS per claim

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

Geophysical

- Electromagnetic

- Magnetometer

- Radiometric

- Other

Geological 40

Geochemical 20

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer - Electromagnetic - Radiometric
(enter days per claim)

DATE: April 11, 1986

SIGNATURE: [Signature]
Author of Report or Agent

Res. Geol. - Qualifications - This file

Previous Surveys

File No. Type Date Claim Holder

Table with 4 columns: File No., Type, Date, Claim Holder. Multiple empty rows for data entry.

TOTAL CLAIMS 18

If space insufficient, attach list

OFFICE USE ONLY

# GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations \_\_\_\_\_ Number of Readings \_\_\_\_\_

Station interval \_\_\_\_\_ Line spacing \_\_\_\_\_

Profile scale \_\_\_\_\_

Contour interval \_\_\_\_\_

MAGNETIC

Instrument \_\_\_\_\_

Accuracy - Scale constant \_\_\_\_\_

Diurnal correction method \_\_\_\_\_

Base Station check-in interval (hours) \_\_\_\_\_

Base Station location and value \_\_\_\_\_

ELECTROMAGNETIC

Instrument \_\_\_\_\_

Coil configuration \_\_\_\_\_

Coil separation \_\_\_\_\_

Accuracy \_\_\_\_\_

Method:  Fixed transmitter  Shoot back  In line  Parallel line

Frequency \_\_\_\_\_  
(specify V.L.F. station)

Parameters measured \_\_\_\_\_

GRAVITY

Instrument \_\_\_\_\_

Scale constant \_\_\_\_\_

Corrections made \_\_\_\_\_

Base station value and location \_\_\_\_\_

Elevation accuracy \_\_\_\_\_

INDUCED POLARIZATION  
RESISTIVITY

Instrument \_\_\_\_\_

Method  Time Domain  Frequency Domain

Parameters - On time \_\_\_\_\_ Frequency \_\_\_\_\_

- Off time \_\_\_\_\_ Range \_\_\_\_\_

- Delay time \_\_\_\_\_

- Integration time \_\_\_\_\_

Power \_\_\_\_\_

Electrode array \_\_\_\_\_

Electrode spacing \_\_\_\_\_

Type of electrode \_\_\_\_\_

SELF POTENTIAL

Instrument \_\_\_\_\_ Range \_\_\_\_\_

Survey Method \_\_\_\_\_

Corrections made \_\_\_\_\_

RADIOMETRIC

Instrument \_\_\_\_\_

Values measured \_\_\_\_\_

Energy windows (levels) \_\_\_\_\_

Height of instrument \_\_\_\_\_ Background Count \_\_\_\_\_

Size of detector \_\_\_\_\_

Overburden \_\_\_\_\_

(type, depth - include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey \_\_\_\_\_

Instrument \_\_\_\_\_

Accuracy \_\_\_\_\_

Parameters measured \_\_\_\_\_

Additional information (for understanding results) \_\_\_\_\_

AIRBORNE SURVEYS

Type of survey(s) \_\_\_\_\_

Instrument(s) \_\_\_\_\_  
(specify for each type of survey)

Accuracy \_\_\_\_\_  
(specify for each type of survey)

Aircraft used \_\_\_\_\_

Sensor altitude \_\_\_\_\_

Navigation and flight path recovery method \_\_\_\_\_

Aircraft altitude \_\_\_\_\_ Line Spacing \_\_\_\_\_

Miles flown over total area \_\_\_\_\_ Over claims only \_\_\_\_\_

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken. all (18 claims)

Total Number of Samples. 120 soil / 19 rock

Type of Sample. soil / rock

Average Sample Weight. 0.5 kg. (Nature of Material)

Method of Collection. spade, chip sampling

Soil Horizon Sampled. "B"

Horizon Development. good

Sample Depth. 20 cm

Terrain. low relief, minor outcrop

Drainage Development. good

Estimated Range of Overburden Thickness. 10 - 100 cm

\*Note: up to 50m thick in glaciated areas.

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis. -80

\*Note: samples to be assayed during 1986 field program

General

ANALYTICAL METHODS

Values expressed in: per cent [ ] p. p. m. [ ] p. p. b. [ ]

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, (circle)

Others.

Field Analysis ( tests)

Extraction Method.

Analytical Method.

Reagents Used.

Field Laboratory Analysis

No. ( tests)

Extraction Method.

Analytical Method.

Reagents Used.

Commercial Laboratory ( tests)

Name of Laboratory.

Extraction Method.

Analytical Method.

Reagents Used.

General



Recorded Holder

FRANKLIN RESOURCES

Township or Area

STREY TOWNSHIP

Type of survey and number of  
Assessment days credit per claim

Mining Claims Assessed

Geophysical

Electromagnetic . . . . . days

Magnetometer . . . . . days

Radiometric . . . . . days

Induced polarization . . . . . days

Other . . . . . days

Section 77 (19) See "Mining Claims Assessed" column

Geological . . . . . days

Geochemical . . . . . 11 days

Man days [ ] Airborne [ ]

Special provision [X] Ground [X]

[X] Credits have been reduced because of partial coverage of claims.

[ ] Credits have been reduced because of corrections to work dates and figures of applicant.

TB 677611-12-13  
677616 to 620 inclusive  
675152

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

[X] not sufficiently covered by the survey [ ] insufficient technical data filed

TB 677609-10-14-15  
675149-50-51-53-54

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Date  
August 18, 1986

Recorded Holder

FRANKLIN RESOURCES

Township or Area

STREY TOWNSHIP

Type of survey and number of  
Assessment days credit per claim

Mining Claims Assessed

Geophysical

Electromagnetic . . . . . days

\$1,800.00 SPENT ON ASSAYING SAMPLES TAKEN FROM  
MINING CLAIMS:

Magnetometer . . . . . days

1B 677611-12-13  
677616 to 620 inclusive  
675152

Radiometric . . . . . days

Induced polarization . . . . . days

Other . . . . . days

Section 77 (19) See "Mining Claims Assessed" column

120 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED  
IN ACCORDANCE WITH SECTION 76(6) OF THE MINING  
ACT R.S.O. 1980.

Geological . . . . . days

Geochemical . . . . . days

FOR MINING RECORDER'S USE:

Man days [ ] Airborne [ ]

The work assignment for each of the  
above-listed 9 claims is 13 days per claim.

Special provision [ ] Ground [ ]

[ ] Credits have been reduced because of partial  
coverage of claims.

[ ] Credits have been reduced because of corrections  
to work dates and figures of applicant.

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

[ ] not sufficiently covered by the survey [ ] insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Recorded Holder

FRANKLIN RESOURCES

Township or Area

STREY TOWNSHIP

Type of survey and number of  
Assessment days credit per claim

Mining Claims Assessed

Geophysical

Electromagnetic . . . . . days

Magnetometer . . . . . days

Radiometric . . . . . days

Induced polarization . . . . . days

Other . . . . . days

TB 677610 to 619 inclusive  
675152-53-54

Section 77 (19) See "Mining Claims Assessed" column

Geological . . . . . 29 . . . . . days

Geochemical . . . . . days

Man days [ ] . . . . . Airborne [ ]

Special provision [X] . . . . . Ground [X]

[X] Credits have been reduced because of partial  
coverage of claims.

[ ] Credits have been reduced because of corrections  
to work dates and figures of applicant.

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

[X] not sufficiently covered by the survey [ ] insufficient technical data filed

TB 677609-20  
675149-50-51

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.





Ontario

Ministry of  
Northern Development  
and Mines

Notice of Intent  
for Technical Reports

August 18, 1986

2.9038/10

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on the record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted directly to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



Ontario

Ministry of  
Northern Development  
and Mines

August 18, 1986

*Sept 12/86*

Your File: 10  
Our File: 2.9038


Mining Recorder  
Ministry of Northern Development and Mines  
435 James Street South  
P.O. Box 5000  
Thunder Bay, Ontario  
P7C 5G6

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at (416) 965-4888.

Yours sincerely,

  
J.C. Smith, Supervisor  
Mining Lands Section

Whitney Block, 6th Floor  
Queen's Park  
Toronto, Ontario  
M7A 1W3

 SH/mc  
Encl.

cc: ~~Franklin Resources~~  
~~873 Beatty Street~~  
~~Vancouver, B.C.~~  
~~V6B 2M6~~

Carl Von Einsiedel  
Suite 210  
470 Granville Street  
Vancouver, B.C.  
V6C 1T1

R. James Weick  
P.O. Box 5014  
Squamish, B.C.  
VON 3G0

Mr. G.H. Ferguson  
Mining & Lands Commissioner  
Toronto, Ontario

Mining Lands Section

File No 29038

Control Sheet

TYPE OF SURVEY	<input type="checkbox"/>	GEOPHYSICAL
	<input checked="" type="checkbox"/>	GEOLOGICAL
	<input checked="" type="checkbox"/>	GEOCHEMICAL
	<input checked="" type="checkbox"/>	EXPENDITURE

MINING LANDS COMMENTS:

no maps

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P. Hurst

Signature of Assessor

Aug 8/86

Date

LD  
log

September 12, 1986

Your File: 10  
Our File: 2.9038

Mining Recorder  
Ministry of Northern Development and Mines  
435 James Street South  
P.O. Box 5000  
Thunder Bay, Ontario  
P7C 5G6

Dear Madam:

RE: Notice of Intent dated August 18, 1986  
Geochemical, Geological and Data for Assaying  
on Mining Claims TB 667609, et al, in Strey  
Township

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The assessment work credits, as listed with the  
above-mentioned Notice of Intent, have been approved  
as of the above date.

Please inform the recorded holder of these mining  
claims and so indicate on your records.

Yours sincerely,

J.C. Smith, Supervisor  
Mining Lands Section

Whitney Block, 6th Floor  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Telephone: (416) 965-4888

SH/mc

cc: Carl Von Einsiedel  
Suite 210  
470 Granville Street  
Vancouver, B.C.  
V6C 1T1

R. James Weick  
P.O. Box 5014  
Squamish, B.C.  
V0N 3G0

Encl.      bcc: Mr. G.H. Ferguson  
                 Mining & Lands Commissioner  
                 toronto, Ontario

Resident Geologist  
Thunder Bay, Ontario

	GL	GC		GL	GC				
671609	NC	NC		675149	NC	NC			
10	1/2	NC		S0	NC	NC			
11	<del>3/4</del>	3/4		S1	NC	NC		GL	5 no coverage.
12	1/2	3/4		S2	✓	3/4		4.15	NC.
13	1/4	3/4		S3	✓	NC.			
14	1/2	NC.		S4	1/2	NC.		12 x 40 = 520	
15	1/2	NC.						520 ÷ 17.15 =	(29)
16	✓	3/4							
17	✓	1/2							
18	1/2	3/4	GC					9 no coverage.	
19	3/4	3/4						7 NC	
20	NC	3/4							
				9 x 20 = 180					
				180 ÷ 16 =				(11)	

*work will be  
done  
Monday.  
14  
Carl Von Einsiedel  
called Don 8/11/86*

April 4, 1986

Report of Work #10

Franklin Resources  
873 Beatty Street  
Vancouver, B.C.  
V6B 2H6

Dear Sirs:

RE: Mining Claims TB 677609, et al,  
in the Township of Strey

We have not received the reports and maps (in duplicate)  
for Geological and Geochemical Surveys on the above-mentioned  
claims.

As the assessment "Report of Work" was recorded by the  
Mining Recorder on February 10, 1986 the 60 day period  
allowed by Section 77 of the Mining Act for the submission  
of the technical reports and maps to this office will  
expire on April 11, 1986.

If the material is not submitted to this office by April 11,  
1986 we will have no alternative but to instruct the Mining  
Recorder to delete the work credits from the claim record  
sheets.

For further information, please contact Mr. Arthur Barr at  
(416)965-4888.

Yours sincerely,

J.C. Smith, Supervisor  
Mining Lands Section

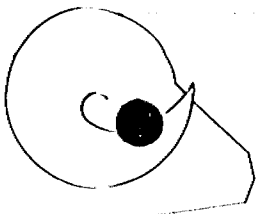
Whitney Block, 6th Floor  
Queen's Park  
Toronto, Ontario  
M7A 1K3

Telephone: (416) 965-4888

AB/mc

cc: Carl Von Einsiedel  
Suite 210  
470 Granville Street  
Vancouver, B.C.  
V6C 1T1

Mining Recorder  
Thunder Bay, Ontario



# RAM EXPLORATIONS LTD.

210 - 470 Granville Street  
Vancouver, B.C. V6C 1V5

Telephone: 687-1309

April 28, 1986

Ministry of Northern Development and Mines  
Mining Lands Section  
Whitney Block, 6th Floor  
Queens Park  
Toronto, Ontario  
M7A-1W3

Attn: Mr. Arthur Barr

RECEIVED  
MAY 07 1986  
MINING LANDS SECTION

Dear Sir,

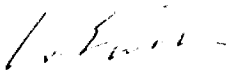
Re: Mining Claims TB 677609, et al, Township of Strey, Thunder Bay Mining District. Franklin Resources Work Report.

I am pleased to enclose copies of figure 4 to accompany the above noted work reports. Please note however that these are draft copies and will be amended on completion of the current seasons program (proposed program to be carried out May 10 - May 25, 1986).

Revised copies showing geochemical sample locations will be available before May 7, 1986.

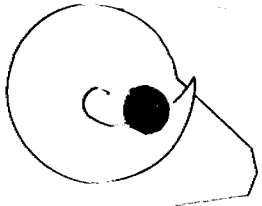
Thankyou for your assistance.

Yours truly,  
RAM EXPLORATION LTD

  
C. von Einsiedel  
Project Co-Ordinator

CVE/rc

enclosures



RAM EXPLORATIONS LTD.

2.9038

210 - 470 Granville Street  
Vancouver, B.C. V6C 1V5

Telephone: 687-1309

BY COURIER

April 14, 1986

Mr. Arther Barr  
Ministry of Northern Development and Mines  
Whitney Block, 6th Flr.  
Queens Park  
Toronto, Ontario  
M7A-1W3

Dears Sir,

Re: Mining Claims TB 667609 - 667620, 675149 - 675154 in the Township of Strey. Report of Work No. 10.

With regard to your letter of April 4, 1986 and our recent telephone conversation,

I have enclosed two (2) copies of the report required to be filed as per the regulations however, our drafting department will require at least one additional week to complete figure No. 4 - Property Geology and Sample Location Map.

This figure shows the location of grid lines, soil geochemical samples and rock samples.

Please accept my thanks for bringing this matter to my attention.

Sincerely,

RAM EXPLORATION LTD

G. von Einsiedel,  
Geologist

CVE/rc  
Enclosed

RECEIVED

APR 21 1986

MINING LANDS SECTION





Mining Act

In the matter of mining claims:

TB 677609 to 20 inclusive  
675149 to 54 inclusive

in the Township of Strey.

On consideration of an application from the recorded holder, Franklin Resources  
under Section 77 Subsection 22 of the Mining Act, I hereby order that the time for filing reports and plans in support of  
Geological and Geochemical assessment work recorded on February 10, 1986  
be extended until and including April 21, 1986.

1986.04.21  
Date

  
Signature of Director, Land Management Branch

Copies: Carl Von Einsiedel  
Suite 210  
470 Granville Street  
Vancouver, B.C.

cc: Franklin Resources  
873 Beatty Street  
Vancouver, B.C.  
V6B 2M6

cc: Mining Recorder  
Thunder Bay, Ont

APB

R.

Leslie Duvar - Vancouver  
687-1309

Tom Knapp - 2.9038

June 30/86

To be  
Mailed July 1

June 30.

May 14, 1986

File: 2.9038

Ram Explorations Ltd  
Suite 210  
470 Granville Street  
Vancouver, B.C.  
V6C 1V5

Dear Sirs:

RE: Geological and Geochemical Surveys and  
Data for Assaying submitted on Mining  
Claims TB 677609, et al, in Strey Township

-----  
This will acknowledge receipt of your letter dated April 28,  
1986 and attachments. As you have noted, we are still awaiting  
the geochemical plan (in duplicate).

Also, in order to complete your submission, please remit (in  
duplicate) verification of payment for the \$1800.00 expenditure  
credits claimed. Attached is a list of acceptable forms of proof  
of payment.

When submitting this information, please quote file 2.9038.

For further information, please contact Susan Hurst at (416)965-4888.

Yours sincerely,

J.C. Smith, Supervisor  
Mining Lands Section

Whitney Block, 6th Floor  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Telephone:(416)965-4888

SH/mc

cc: Franklin Resources  
837 Beatty Street  
Vancouver, B.C.  
V6B 2M6

R. James Weick  
P.O. Box 5014  
Squamish, B.C.  
V0N 3G0

Mining Recorder  
Thunder Bay, Ontario  
#10

Attached

REGISTERED

File: 2.9038

June 20, 1986

Ram Explorations Ltd  
Suite 210  
470 Granville Street  
Vancouver, B.C.  
V6C 1V5

Dear Sirs:

RE: Geological and Geochemical Surveys and  
Data for Assaying submitted on Mining  
Claims TB 677609, et al, in the Township  
of Strey

Enclosed is a copy of our letter dated May 14, 1986 requesting  
additional information for the above-mentioned surveys.

Unless you can provide the required data by June 30, 1986 we  
will have no other alternative but to assess the material on  
hand and grant assessment work credits accordingly.

For further information, please contact Mr. Ray Pichette at  
(416) 965-4888.

Yours sincerely,

J.C. Smith, Supervisor  
Mining Lands Section

Whitney Block, 6th Floor  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Telephone: (416) 965-4888

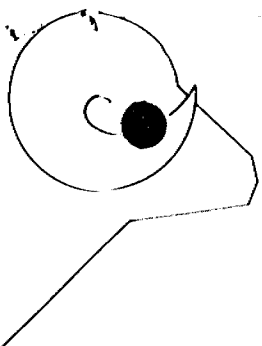
SH/mc

cc: Franklin Resources  
837 Beatty Street  
Vancouver, B.C.  
V6B 2M6

R. James Weick  
P.O. Box 5014  
Squamish, B.C.  
V0N 3G0

Mining Recorder  
Thunder Bay, Ontario  
#10

Encl.



RAM EXPLORATIONS LTD.

210 - 470 Granville Street  
Vancouver, B.C. V6C 1V5

Telephone: 687-1309

July 08, 1986

Ministry of Northern Development and Mines  
Mining Lands Section  
Whitney Block, 6th Floor  
Queens Park  
Toronto, Ontario  
M7A-1W3

Dear Sirs:

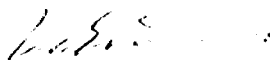
Re: Your File; 2.9038; Geological and Geochemical Surveys and  
Data for Assaying Submitted on Mining Claims TB 677609 et al, in  
the Township of Strey

Enclosed please find those items requested in your previous  
correspondence.

Our apologies for any inconvenience caused by these delays.

Sincerely,

RAM EXPLORATIONS LTD.

  
C. von Einsiedel  
Project Co-ordinator

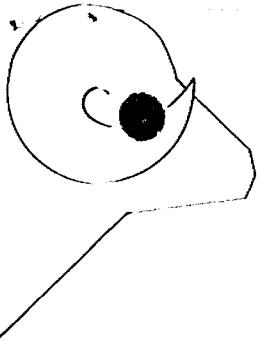
CVE/rc

enclosures

RECEIVED

JUL 21 1986

MINING LANDS SECTION



# RAM EXPLORATIONS LTD.

210 - 470 Granville Street  
Vancouver, B.C. V6C 1V5

Telephone: 687-1309

## Appendix 1 - Proof of Payment

Re: Geochemical Assays from Mining Claims TB 677609 et al.

Assaying (Vangochem Laboratories) (see attached assay sheets)	\$ 1,300
Shipping / Thunder Bay - Vancouver	300
Disbursements - Franklin Res. / Ram Exploration charged at cost + 15%.	200
Total	\$ 1,800

I, Carl A. von Einsiedel of the City of Vancouver, hereby declare that the above noted costs are the direct costs incurred by Franklin Resources in completion of the 1985 Geochemical Surveys on Mineral Claims TB 677609 et al.

Dated this 8 day of July, 1986.

*P. Costello*

Witness

*Carl von Einsiedel*  
Carl von Einsiedel

REFERENCES

**FLOODING**

RESERVE FLOODING RIGHTS TO H.E.P.C. OF ONTARIO TO CONTOUR 905 G.S.C. ON THE AGUASABON RIVER AND BIG DUCK CREEK FILE 132730.  
RESERVE FOR CROWN PURPOSES THE AGUASABON RIVER BED EXTENDING SOUTHERLY TO AGUASABON LAKE TO LAKE SUPERIOR, TOGETHER WITH THE RIVER FLATS THEREOF TO AN ELEVATION OF TWENTY FEET ABOVE THE NATURAL WATER LEVEL FILE 110752  
Vol. 2  
W.P.L.A. No. 22 dated 21 January 1954

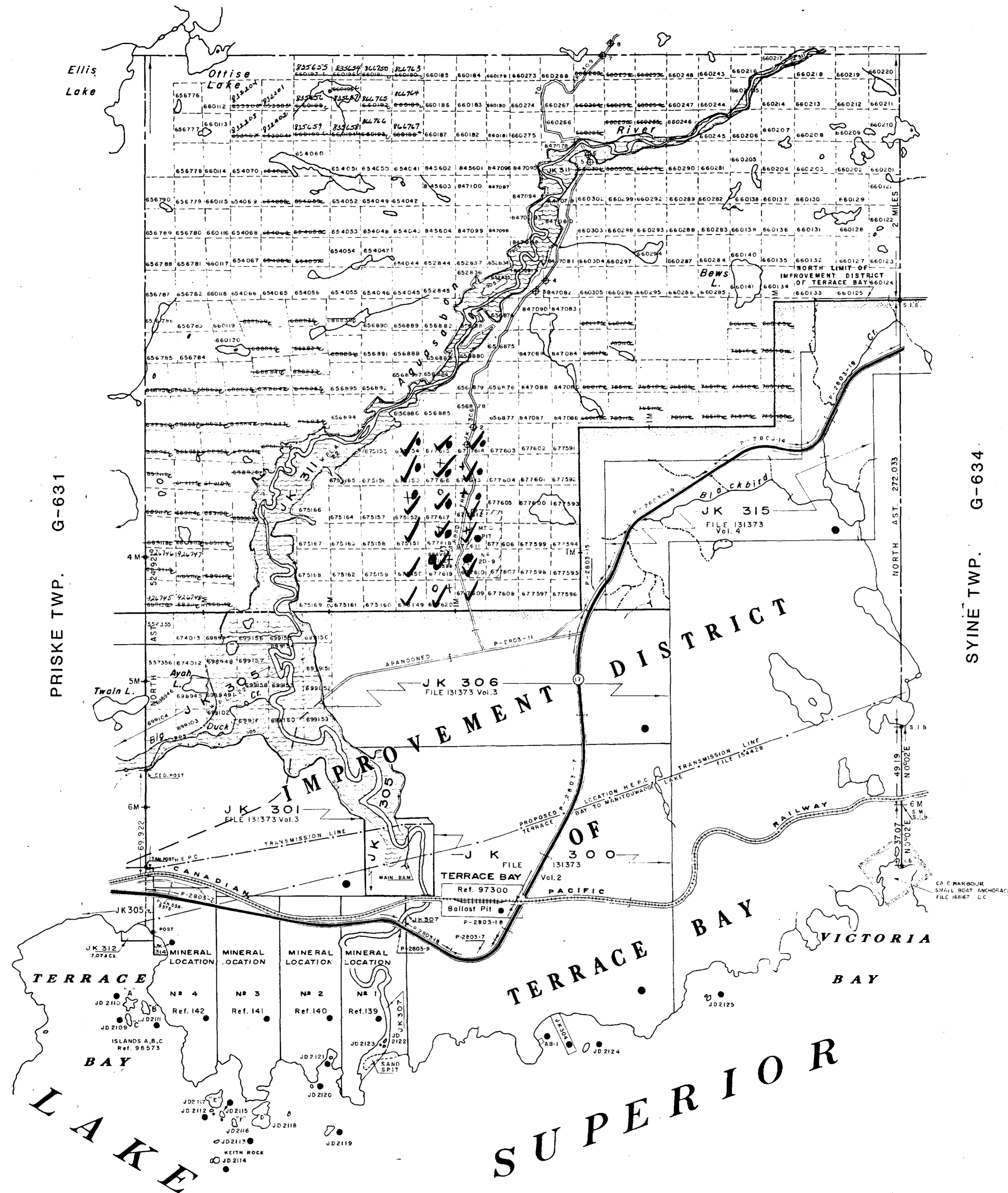
**AREAS WITHDRAWN FROM DISPOSITION**

S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

Description Order No. Date Disposition File

STAKING IN JK 305, 307, 312 (COVERED BY W.P.L.A. 22) IS NOT PERMITTED WITHOUT PERMISSION FROM H.E.P.C.

LOWER AGUASABON LAKE G-599



REFERENCES

LAND UNDER LAKE OFFERED WITHDRAWN FROM STATUS BY ORDER IN COUNCIL DATED APRIL 27, 1954.

TERRACE BAY TOWNSHIP BOUNDARIES SHOWN THUS

**LEGEND**

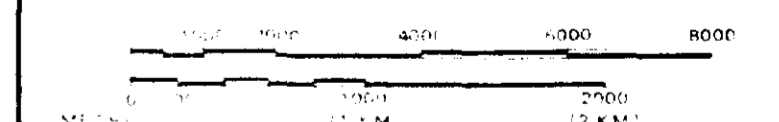
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARTS, ETC.
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

**DISPOSITION OF CROWN LANDS**

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	○
LEASE SURFACE & MINING RIGHTS	■
SURFACE RIGHTS ONLY	■
MINING RIGHTS ONLY	■
LICENCE OF OCCUPATION	◀
ORDER IN COUNCIL RESERVATION	OC
CANCELLED	⊙
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1930, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE 1 INCH = 40 CHAINS



TOWNSHIP

**STREY**

M.N.R. ADMINISTRATIVE DISTRICT  
**TERRACE BAY**  
MINING DIVISION  
**THUNDER BAY**  
LAND TITLES / REGISTRY DIVISION  
**THUNDER BAY**

Ministry of Natural Resources  
Land Management Branch  
Ontario  
Date: **MARCH, 1982**

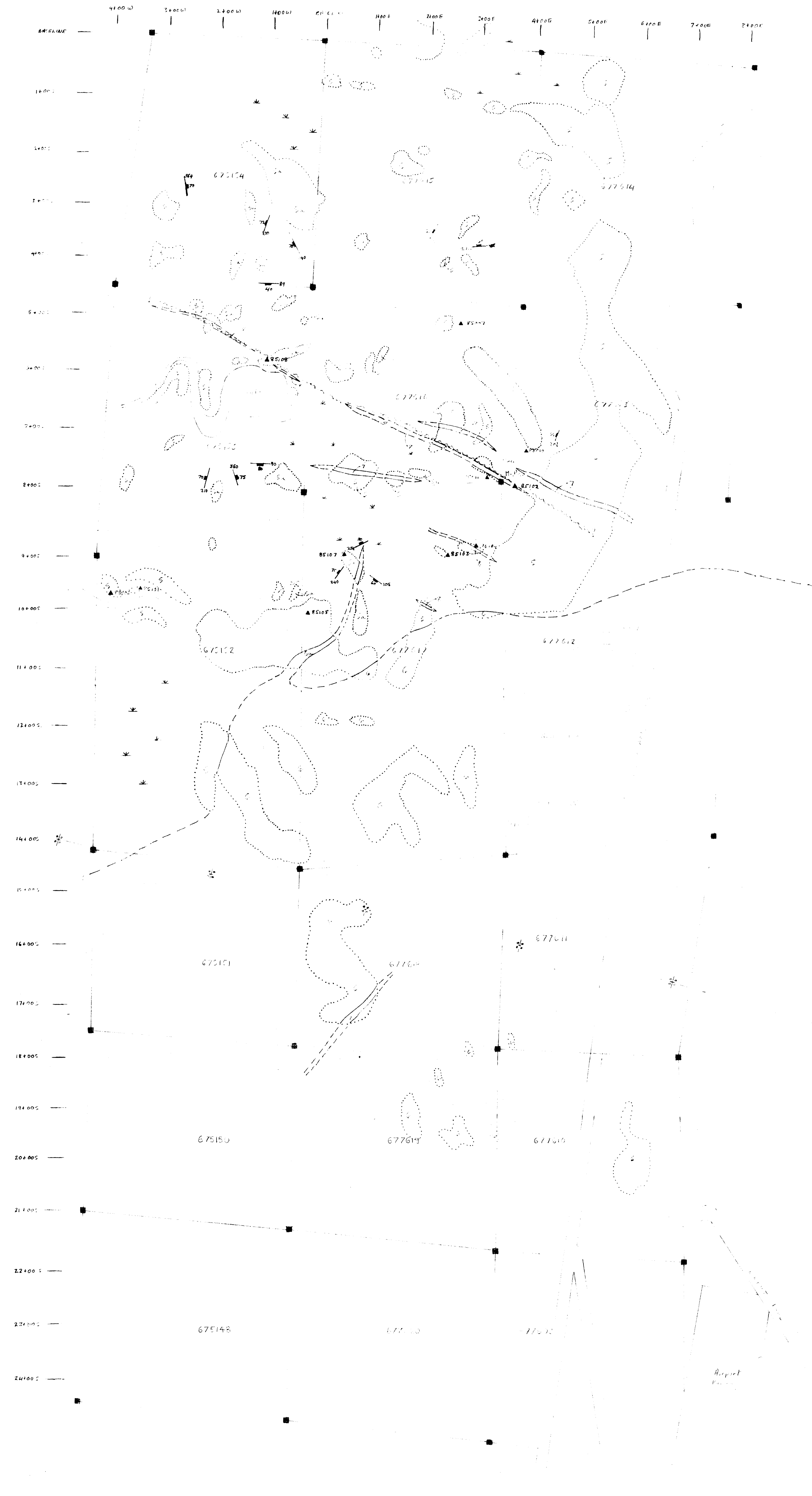
7/8/81 10/11/81  
OCT. 22, 1985  
G-633



200

G-633

G-633



LEGEND  
Middle to Late Proterozoic

- Interruption
- quartzite
- gneiss
- metakonglomerate
- metagranite

Early Proterozoic  
Metasedimentary / sedimentary

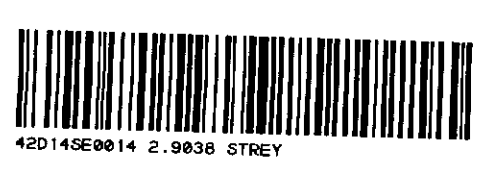
- metagreywacke
- metasiltstone
- metasandstone
- metashale

- General Symbols
- sample location
  - perimeter
  - map grid
  - contour lines

DRAFT

FRANKLIN RESOURCES LTD.  
TERRACE DAY PROJECT

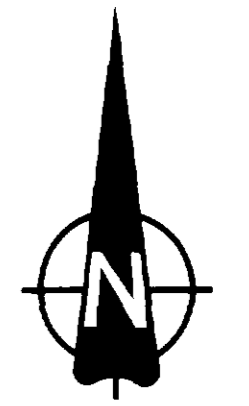
DATE  
BY





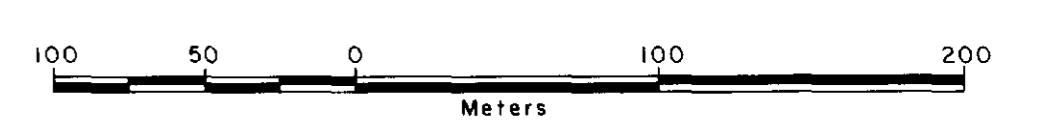
4+00W- 3+00W- 2+00W- 1+00W- 0+00E- 1+00E- 2+00E- 3+00E- 4+00E- 5+00E- 6+00E- 7+00E- 8+00E-

0+00-BASE LINE  
1+00S-  
2+00S-  
3+00S-  
4+00S-  
5+00S-  
6+00S-  
7+00S-  
8+00S-  
9+00S-  
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14+00S-  
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16+00S-  
17+00S-  
18+00S-  
19+00S-  
20+00S-  
21+00S-  
22+00S-  
23+00S-  
24+00S-



- LEGEND**
- MIDDLE TO LATE PRECAMBRIAN INTRUSIVES
- 8 Quartz/carbonate veins.
  - 7 Diabase.
- PUKASKWA CONEISSIC COMPLEX
- 6 Hornblende - biotite gneiss.
  - 6a - Syenite
- EARLY PRECAMBRIAN METAVOLCANICS/SEDIMENTS
- 5 Massive amphibolite.
  - 5a - Flow basalt, pillars.
  - 5b - Pyroclastic breccia, tuff breccia.
  - 5c - Garnetiferous schist.

- SYMBOLS**
- Geological contact: defined, assumed.
  - ~~~~~ Fault: defined, assumed.
  - Outcrop.
  - ▲ Rock sample location.
  - ⊕ Power line.
  - ⊕ Claim post, claim line.
  - ⊙ Gravel pit.



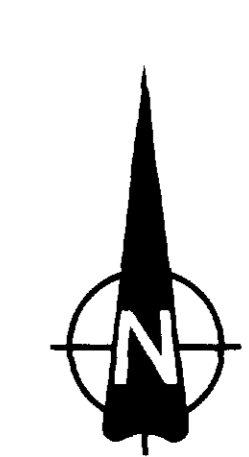
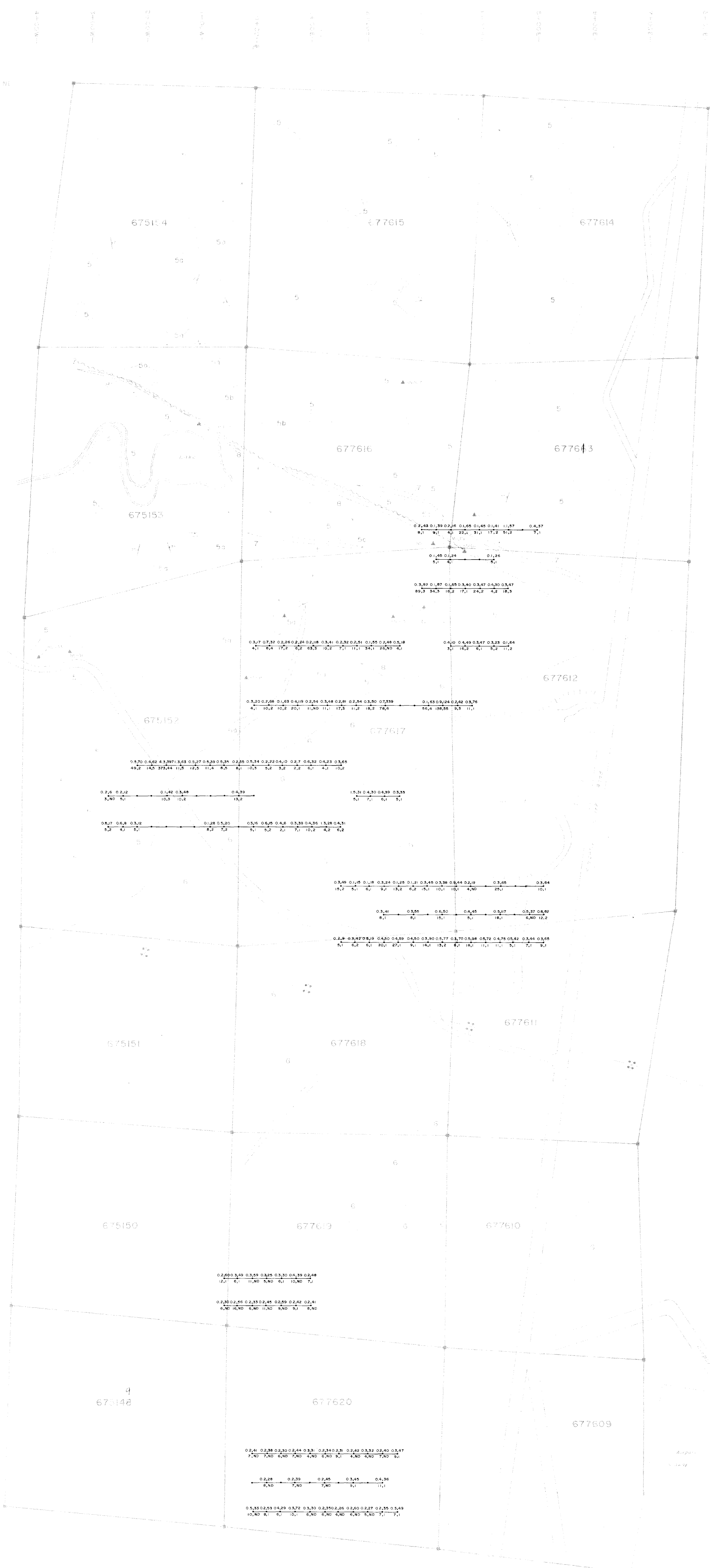
FRANKLIN RESOURCES LTD.  
- TERRACE BAY PROJECT -

GEOLOGY MAP  
- TB CLAIM GROUP -

RECEIVED  
JUL 21 1986  
MINING LANDS SECTION

RAM EXPLORATIONS LTD. VANCOUVER B.C.	OWN BY: T.M. CHK BY: DATE: JUNE, 1986	FIG. NO. 4
---	---	---------------





- LEGEND**
- MIDDLE TO LATE PRECAMBRIAN INTRUSIVES**
- 8 Quartz/carbonate veins.
  - 7 Diabase.
- PUKASKWA CONEISSIC COMPLEX**
- 6 Hornblende - biotite gneiss
  - 6a - Syenite.
- EARLY PRECAMBRIAN METAVOLCANICS/SEDIMENTS**
- 5 Massive amphibolite
  - 5a - Flow basalt, pillars
  - 5b - Pyroclastic breccia, tuff breccia.
  - 5c - Garnetiferous schist.
- SYMBOLS**
- Geological contact: defined, assumed.
  - Fault: defined, assumed.
  - Outcrop.
  - Rock sample location.
  - Power line.
  - Claim post, claim line.
  - Gravel pit.

- LEGEND**
- Ag Zn
  - 0.2-60
  - 10.2
  - Cu Ni

FRANKLIN RESOURCES LTD.  
- TERRACE BAY PROJECT -

GEOCHEMICAL MAP  
- TB CLAIM GROUP -

RAM EXPLORATIONS LTD. DWN. BY T.M. FIG. No. 5  
VANCOUVER B.C. CHK. BY DATE: JUNE, 1986